COST ESTIMATE FOR PLACEMENT ALTERNATIVES FOR THE GIWW, PORT ISABEL TO CORPUS CHRISTI BAY

										Dredging	Costs per Cycle			Dredging Costs for 50-Year Period							
					Dredging Volume	No. of Dredging	Dredging Time							Total Cost							Total Cost
Estimate #	Reach S	Segment/PA	Dredging Method	Disposal Site	per Cycle	Episodes	per Cycle	Mob/Demob	Dredging	Site Prep	Sub-total	Contingency	Unit Cost	w/Markups	Mob/Demob	Dredging	Site Prep	Sub-total	Contingency	Unit Cost	w/Markups
		e e g	2.ouggou.ou	2.00000.0.00	(CY)	(each)	(months)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$/CY)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$/CY)	(\$)
1-1-01	1	1-3	Hydraulic	Current PA	1,769,023	8.31	2.40	\$390,075	\$2,494,322	\$0	\$2,884,397	\$576,879	\$1.96	\$3,893,936	\$3,241,523	\$20,727,816	\$0	\$23,969,339	\$4,793,868	\$1.96	\$32,358,60
1-2-04	2	4-5	Hydraulic	Current PA	1,597,104	14.74	2.41	\$394,849	\$2,523,424	\$0	\$2,918,273	\$583,655	\$2.19	\$3,939,669	\$5,820,074	\$37,195,270	\$0	\$43,015,344	\$8,603,069	\$2.19	
1-3-06	3	6-9	Hydraulic	Current PA	2,034,207	7.39		\$416,865	\$3,580,204	\$0	\$3,997,069	\$799,414	\$2.36	\$5,396,043	\$3,080,632	\$26,457,708	\$0	\$29,538,340	\$5,907,668	\$2.36	
1-4-10 1-5-14	5	10-13 14-15	Hydraulic Hydraulic	Current PA Current PA	1,981,313 532,176	12.17 6.03	2.80 1.08	\$403,076 \$398,732	\$2,971,970 \$1,138,857	\$0	\$3,375,046 \$1,537,589	\$675,009 \$307,518	\$2.04 \$3.47	\$4,556,312 \$2,075,745	\$4,905,435 \$2,404,354	\$36,168,875 \$6,867,308	\$0 \$0	\$41,074,310 \$9,271,662	\$8,214,862 \$1,854,332	\$2.04 \$3.47	
1-6-16	6	16-18	Hydraulic	Current PA	1,044,985	17.76		\$395,248	\$1,136,637	\$0	\$1,691,029	\$338,206	\$1.94	\$2,075,745	\$7,019,604	\$23,013,071	\$0 \$0	\$30,032,675	\$6,006,535		
		10.10	,	0 0.11011171	1,011,000		0	φοσο,2 .σ	ψ.,200,701	40	ψ1,001,020	4000,200	ψ	\$2,202,000	ψ.,σ.σ,σσ.	Ψ20,010,011	Ų.	ψου,σο <u>υ</u> ,σ. σ		V.1.0	ψ 10,0 1 1, 1 t
2A1-6-06	6	16-18	Hopper	Offshore	1,016,152	1	42.77	\$112,429	\$26,643,505	\$652,141	\$27,408,075	\$5,481,615	\$32.37	\$37,000,901	\$112,429	\$26,643,505	\$652,141	\$27,408,075	\$5,481,615		
	_					16.76	42.77	\$112,429	\$26,643,505	\$449,893	\$27,205,827	\$5,441,165	\$32.13	\$36,727,866	\$1,884,310	\$446,545,144	\$7,540,207	\$455,969,661	\$91,193,932		
2A2-6-06 2B1-6-06A	6	16-18 16-18	Hopper Hydraulic-7 Scows	Offshore Offshore	1,044,985 1,044,985	17.76 17.76		\$112,429 \$1,524,562	\$31,694,395 \$3,929,144	\$0 \$0	\$31,806,824 \$5,453,706	\$6,361,365 \$1,090,741	\$36.53 \$6.26	\$42,939,212 \$7,362,503	\$1,996,739 \$27,076,221	\$562,892,455 \$69,781,597	\$0 \$0	\$564,889,194 \$96,857,819	\$112,977,839 \$19,371,564		
2B1-6-06B	6	16-18	Hydraulic-6 Scows	Offshore	1,044,985	17.76		\$1,283,170	\$4,127,691	\$0	\$5,410,861	\$1,090,741	\$6.21	\$7,304,662	\$22,789,099	\$73,307,792	\$0 \$0	\$96,096,891	\$19,371,304		
2B1-6-06C	6	16-18	Hydraulic-5 Scows	Offshore	1,044,985	17.76	1.93	\$1,193,056	\$4,211,290	\$0	\$5,404,346	\$1,080,869	\$6.21	\$7,295,867	\$21,188,675	\$74,792,510	\$0	\$95,981,185	\$19,196,237	\$6.21	
2B1-6-06D	6	16-18	Hydraulic-4 Scows	Offshore	1,044,985	17.76		\$1,044,683	\$4,859,180	\$0	\$5,903,863	\$1,180,773	\$6.78	\$7,970,215	\$18,553,570	\$86,299,037	\$0	\$104,852,607	\$20,970,521	\$6.78	
2B1-6-06E	6	16-18	Hydraulic-3 Scows	Offshore	1,044,985	17.76		\$1,073,892	\$5,789,217	\$0	\$6,863,109	\$1,372,622	\$7.88	\$9,265,197	\$19,072,322	\$102,816,494	\$0	\$121,888,816	\$24,377,763		
2B1-6-06F	6	16-18 16-18	Hydraulic-2 Scows Clamshell-3 scows	Offshore Offshore	1,044,985 1,044,985	17.76 17.76		\$1,011,472 \$1,087,826	\$8,600,227 \$3,803,745	\$0 \$0	\$9,611,699 \$4,801,571	\$1,922,340	\$11.04 \$5.62	\$12,975,794 \$6,603,621		\$152,740,032 \$67,554,511	\$0 \$0	\$170,703,774 \$86,874,301	\$34,140,755 \$17,374,860		
2B2-6-06A 2B2-6-06B	6	16-18	Clamshell-2 scows	Offshore	1,044,985	17.76		\$859,373	\$5,003,745	\$0	\$4,891,571 \$5,979,800	\$978,314 \$1,195,960	\$6.87	\$8,072,730	\$19,319,790 \$15,262,464	\$67,554,511 \$90,938,784	\$0 \$0	\$106,201,248	\$21,240,250		
2C-1-01C	1	1	Hydraulic	Offshore (2 mi.)	529,897	3.09		\$739,695	\$2,363,341	\$2,452,276	\$5,555,312	\$1,111,062	\$12.58	\$7,499,671	\$2,285,658	\$7,302,724		\$17,165,914	\$3,433,183		
2C-4-02B	4	13	Hydraulic	Offshore (2 mi.)	360,990	14.48	1.22	\$896,809	\$3,035,926	\$6,921,202	\$10,853,937	\$2,170,787	\$36.08	\$14,652,815	\$12,985,794		\$100,219,005	\$157,165,008	\$31,433,002		
2C-5-03B	5	14-15	Hydraulic	Offshore (2 mi.)	532,176	6.03	1.91	\$880,585	\$5,124,855	\$8,975,470	\$14,980,910	\$2,996,182	\$33.78	\$20,224,229	\$5,309,928	\$30,902,876	\$54,122,084	\$90,334,887	\$18,066,977		
2C-6-04B	6	16-18	Hydraulic	Offshore (2 mi.)	1,044,985	17.76	2.54	\$858,300	\$6,468,457	\$4,406,202	\$11,732,959	\$2,346,592	\$13.47	\$15,839,495	\$15,243,408	\$114,879,796	\$78,254,148	\$208,377,352	\$41,675,470	\$13.47	\$281,309,43
3A-1-01	1	1-3	Hydraulic	Upland/Confined	1,769,023	1	2.65	\$652,117	\$4,794,052	\$10,206,928	\$15,653,097	\$3,130,619	\$10.62	\$21,131,681	\$652,117	\$4,794,052	\$10,206,928	\$15,653,097	\$3,130,619		
			,		1,100,000	7.31	2.65	\$652,117	\$4,794,052	\$7,385,184	\$12,831,353	\$2,566,271	\$8.70	\$17,322,327	\$4,766,975	\$35,044,520	\$53,985,695	\$93,797,190	\$18,759,438		\$147,757,89
3A-2-04	2	4-5	Hydraulic	Upland/Confined	1,597,104	1	2.66	\$669,519	\$4,887,138	\$4,307,595	\$9,864,252	\$1,972,850	\$7.41	\$13,316,740	\$669,519	\$4,887,138	\$4,307,595	\$9,864,252	\$1,972,850		
04.0.00	•	0.0		11.1.1/0.6	0.004.007	13.74	2.66	\$669,519	\$4,887,138	\$2,357,864	\$7,914,521	\$1,582,904	\$5.95	\$10,684,603	\$9,199,191	\$67,149,276	\$32,397,051	\$108,745,519	\$21,749,104	\$6.05	\$160,123,18
3A-3-06	3	6-9	Hydraulic	Upland/Confined	2,034,207	6.39	3.15 3.15	\$416,865 \$416,865	\$3,580,204 \$3,580,204	\$7,068,469 \$1,076,666	\$11,065,538 \$5,073,735	\$2,213,108 \$1,014,747	\$6.53 \$2.99	\$14,938,476 \$6,849,542	\$416,865 \$2,663,767	\$3,580,204 \$22,877,504	\$7,068,469 \$6,879,896	\$11,065,538 \$32,421,167	\$2,213,108 \$6,484,233	\$3.47	\$58,707,0
3A-4-10	4	10-13	Hydraulic	Upland/Confined	1,981,313	1	3.01	\$674,880	\$5,547,676	\$7,903,148	\$14,125,704	\$2,825,141	\$8.56	\$19,069,700	\$674,880	\$5,547,676	\$7,903,148	\$14,125,704	\$2,825,141	ψ3.47	φ36,707,00
			,		, , , , , , ,	11.17	3.01	\$674,880	\$5,547,676	\$4,571,034	\$10,793,590	\$2,158,718	\$6.54	\$14,571,347	\$7,538,410	\$61,967,541	\$51,058,450	\$120,564,400	\$24,112,880	\$6.70	\$181,831,64
3A-5-14	5	14-15	Hydraulic	Upland/Confined	532,176	1	1.39	\$664,341	\$2,570,410	\$8,550,108	\$11,784,859	\$2,356,972	\$26.57	\$15,909,560	\$664,341	\$2,570,410	\$8,550,108	\$11,784,859	\$2,356,972		•
24.6.46		10.10	I budan dia	Linional/Confined	4.044.005	5.03	1.39	\$664,341	\$2,570,410	\$4,043,925	\$7,278,676	\$1,455,735	\$16.41	\$9,826,213	\$3,341,635	\$12,929,162	\$20,340,943	\$36,611,740	\$7,322,348		\$65,335,4
3A-6-16	6	16-18	Hydraulic	Upland/Confined	1,044,985	16.76	1.86 1.86	\$683,512 \$683,512	\$3,521,599 \$3,521,599	\$7,707,412 \$5,605,032	\$11,912,523 \$9.810.143	\$2,382,505 \$1,962,029	\$13.68 \$11.27	\$16,081,906 \$13,243,693	\$683,512 \$11,455,661	\$3,521,599 \$59,021,999	\$7,707,412 \$93,940,336	\$11,912,523 \$164,417,997	\$2,382,505 \$32,883,599		\$238,046,20
3B-1-01	1	1-3	Hydraulic	Upland/ThinLayer	1,769,023	10.70	3.86	\$694,132	\$7,341,445	\$8,409,914	\$16,445,491	\$3,289,098	\$11.16	\$22,201,413	\$694,132	\$7,341,445	\$8,409,914	\$16,445,491	\$3,289,098	Ψ11.40	Ψ200,040,20
			•			7.31	3.86	\$694,132	\$7,341,445	\$7,231,038	\$15,266,615	\$3,053,323	\$10.36	\$20,609,930	\$5,074,105	\$53,665,963	\$52,858,888	\$111,598,956	\$22,319,791	\$10.45	\$172,860,00
3B-2-04	2	4-5	Hydraulic	Upland/ThinLayer	1,597,104	10.74	3.27	\$752,952	\$7,011,287	\$3,148,816	\$10,913,055	\$2,182,611	\$8.20	\$14,732,624	\$752,952	\$7,011,287	\$3,148,816	\$10,913,055	\$2,182,611	A7.70	#004 F04 7
3B-4-10	4	10-13	Hydraulic	Upland/ThinLaver	1,981,313	13.74	3.27 4.54	\$752,952 \$720,177	\$7,011,287 \$8,836,656	\$2,471,469 \$5,840,153	\$10,235,708 \$15,396,986	\$2,047,142 \$3,079,397	\$7.69 \$9.33	\$13,818,206 \$20,785,931	\$10,345,560 \$720,177	\$96,335,083 \$8,836,656	\$33,957,984 \$5,840,153	\$140,638,628 \$15,396,986	\$28,127,726 \$3,079,397	\$7.73	\$204,594,7
3B-4-10	4	10-13	Tiyuraulic	Opiana/ThinLayer	1,901,515	11.17	4.54	\$720,177	\$8,836,656	\$4,713,482	\$14,270,315	\$2,854,063	\$8.64	\$19,264,925	\$8,044,377	\$98,705,448	\$52,649,594	\$159,399,419	\$31,879,884	\$8.70	\$235,975,14
3B-5-14	5	14-15	Hydraulic	Upland/ThinLayer	532,176	1	1.29	\$725,264	\$2,708,776	\$7,546,849	\$10,980,889	\$2,196,178	\$24.76	\$14,824,200	\$725,264	\$2,708,776	\$7,546,849	\$10,980,889	\$2,196,178		Q =00,010,1
						5.03		\$725,264	\$2,708,776	\$3,928,973	\$7,363,013		\$16.60	\$9,940,068	\$3,648,078	\$13,625,143	\$19,762,734	\$37,035,955	\$7,407,191		\$64,822,74
3B-6-16	6	16-18	Hydraulic	Upland/ThinLayer	1,044,985	10.70	2.31	\$797,982	\$5,224,925	\$6,181,178	\$12,204,085			\$16,475,515	\$797,982	\$5,224,925	\$6,181,178	\$12,204,085	\$2,440,817		\$270.040.00
	+					16.76	2.31	\$797,982	\$5,224,925	\$5,608,283	\$11,631,190	\$2,326,238	\$13.36	\$15,702,107	\$13,374,178	\$87,569,743	\$93,994,823	\$194,938,744	\$38,987,749	\$13.39	\$279,642,82
4A-1-01	1	1-3	Hydraulic	Current PA	1,769,023	8.31	2.4	\$390,075	\$2,494,322	\$0	\$2,884,397	\$576,879	\$1.96	\$3,893,936	\$3,241,523	\$20,727,816	\$0	\$23,969,339	\$4,793,868	\$1.96	\$32,358,60
4A-2-04	2	4-5	Hydraulic	Current PA	1,597,104	14.74	2.41	\$394,849	\$2,523,424	\$0	\$2,918,273	\$583,655	\$2.19	\$3,939,669	\$5,820,074	\$37,195,270	\$0	\$43,015,344	\$8,603,069	\$2.19	\$58,070,72
4A-4-07	4	10-13	Hydraulic	Current PA	1,981,313	12.17		\$403,076	\$2,971,970	\$0	\$3,375,046	\$675,009	\$2.04	\$4,556,312		\$36,168,875	\$0	\$41,074,310			
4A-5-11 4A-6-13	5 6	14-15 16-18	Hydraulic	Current PA Current PA	532,176 1,044,985	6.03 17.76		\$398,732 \$395,248	\$1,138,857 \$1,295,781	\$0 \$0	\$1,537,589 \$1,691,029	\$307,518 \$338,206	\$3.47 \$1.94	\$2,075,745 \$2,282,889	\$2,404,354 \$7,019,604	\$6,867,308 \$23,013,071	\$0 \$0	\$9,271,662 \$30,032,675	\$1,854,332 \$6,006,535		
4A-6-13 4B-1-01	1	1-3	Hydraulic Hydraulic	Open-Bay/Confined	1,769,023	17.76		\$395,248	\$2,317,420	\$38,931,907	\$41,640,312	\$8,328,062	\$1.94	\$56,214,421	\$390,985		\$38,931,907	\$41,640,312			φ40,044,10
	- +		,	5 p.s.: 5 a j / 5 o i i i i i o a	1,7 55,625	7.31		\$390,985	\$2,317,420	\$1,006,584	\$3,714,989	\$742,998	\$2.52	\$5,015,235	\$2,858,100	\$16,940,340		\$27,156,570			\$92,875,79
4B-2-04	2	4-5	Hydraulic	Open-Bay/Confined	1,597,104	1	2.41	\$395,760	\$2,347,743	\$67,951,717	\$70,695,220	\$14,139,044	\$53.12	\$95,438,547	\$395,760	\$2,347,743	\$67,951,717	\$70,695,220	\$14,139,044		
40.4.07		40.40	I bodec P	On an Bass/O	4.004.045	13.74		\$395,760	\$2,347,743	\$1,074,556	\$3,818,059	\$763,612	\$2.87	\$5,154,380	\$5,437,742		\$14,764,399	\$52,460,131	\$10,492,026		\$166,259,72
4B-4-07	4	10-13	Hydraulic	Open-Bay/Confined	1,981,313	11.17	2.8 2.8	\$403,985 \$403,985	\$2,773,838 \$2,773,838	\$110,473,623 \$1,365,310	\$113,651,446 \$4,543,133	\$22,730,289 \$908,627	\$68.83 \$2.75	\$153,429,452 \$6,133,230	\$403,985 \$4,512,512	. , ,	\$110,473,623 \$15,250,513	\$113,651,446 \$50,746,796			\$ \$221,937,62
4B-5-11	5	14-15	Hydraulic	Open-Bay/Confined	532,176	11.17	1.08	\$399,641	\$1,059,030	\$2,664,090	\$4,122,761	\$824,552	\$9.30	\$5,565,727	\$399,641	\$1,059,030	\$2,664,090	\$4,122,761	\$824,552		ψ∠∠1,937,02
			,			5.03		\$399,641	\$1,059,030	\$422,128	\$1,880,799	\$376,160	\$4.24	\$2,539,079		\$5,326,921	\$2,123,304	\$9,460,419			\$18,337,29
4B-6-13	6	16-18	Hydraulic	Open-Bay/Confined	1,044,985	1	1.23	\$396,158	\$1,201,733	\$38,145,814	\$39,743,705	\$7,948,741	\$45.64	\$53,654,002	\$396,158	\$1,201,733		\$39,743,705			
10.1.01		4.0	16.7 8	O D /O	170000	16.76		\$396,158	\$1,201,733	\$934,719	\$2,532,610	\$506,522	\$2.91	\$3,419,024			\$15,665,890	\$42,446,544			
4C-1-01	1	1-3 4-5	•	Open-Bay/Semi-Confined Open-Bay/Semi-Confined		8.31 14.74	2.4	\$390,985 \$395,760	\$2,317,420 \$2,347,743	\$19,028,481 \$35,000,438	\$21,736,886 \$37,743,041	\$4,347,377 \$7,548,788	\$14.75 \$28.36	\$29,344,796 \$50,954,320	\$3,249,085 \$5,833,502		\$19,028,481 \$35,000,438	\$41,535,327 \$75,430,672	\$8,307,065		
4C-2-04	4	4-5 10-13		Open-Bay/Semi-Confined		12.17		\$395,760 \$403,985	\$2,347,743	\$35,000,438 \$71,171,359	\$37,743,941 \$74,349,182		\$28.36	\$100,371,396	\$5,833,502 \$4,916,497	\$34,605,732 \$33,757,608	\$35,000,438 \$71,171,359	\$75,439,672 \$109,845,465	\$15,087,934 \$21,969,093		
4C-4-07			riyaradilo	Span Day, Sonn Connicu	1,001,010	.2.11		ψ 100,000	Ψ=,,,,,,,,,,,	ψ. 1, 1. 1, 000	ψ. 1,5-5,102				Ψ1,010,701	Ψου, ι οι ,ουο	Ψ1 1,11 1,000	Ψ100,040,400	Ψ= 1,000,000	ΨΟ71	
4C-4-07 4C-5-11	5	14-15	Hydraulic	Open-Bay/Semi-Confined	532,176	6.03	1.08	\$399,641	\$1,059,030	\$2,942,844	\$4,401,515	\$880,303	\$9.92	\$5,942,045	\$2,409,835	\$6,385,951	\$2,942,844	\$11,738,630	\$2,347,726	\$4.39	\$15,847,19

COST ESTIMATE FOR PLACEMENT ALTERNATIVES FOR THE GIWW, PORT ISABEL TO CORPUS CHRISTI BAY

	Reach	Segment/PA	Dredging Method	Disposal Site				Dredging Costs per Cycle								Dredging Costs for 50-Year Period					
Estimate #					Dredging Volume per Cycle (CY)	No. of Dredging Episodes (each)	Dredging Time per Cycle (months)	Mob/Demob (\$)	Dredging (\$)	Site Prep (\$)	Sub-total (\$)	Contingency (\$)	Unit Cost (\$/CY)	Total Cost w/Markups (\$)	Mob/Demob (\$)	Dredging (\$)	Site Prep (\$)	Sub-total (\$)	Contingency (\$)	Unit Cost (\$/CY)	Total Cost w/Markups (\$)
5A4 4 04 A	4	220 224	Undravilla 4 Cassus	Offichions	220.072	44.04	0.45	¢4.044.040	¢4 000 405	\$0	#2.024.242	£404.000	Ф 7 О 4	¢0.700.000	\$45,000,000	¢4.4.050.477	C	£20,000,070	ФЕ 000 04F	67.04	£40,470,40
5A1-4-01A 5A1-4-01B	4	220-221 220-221	Hydraulic-4 Scows Hydraulic-3 Scows	Offshore Offshore	330,972 330,972	14.81 14.81	0.45 0.68	\$1,014,848 \$1.005.044	\$1,009,465 \$1.194.809	\$0 \$0	\$2,024,313 \$2,199,853	\$404,863 \$439.971	\$7.34 \$7.98	\$2,732,823 \$2,969,802	+ -,,	\$14,950,177 \$17.695.121	\$0 \$0	\$29,980,076 \$32.579.823	\$5,996,015 \$6,515,965		+ -, -, -
5A1-4-01B	4	220-221	Hydraulic-3 Scows Hydraulic-2 Scows	Offshore	330,972	14.81	1.36	\$721.827	\$1,194,809	\$0 \$0	\$2,199,653	\$464.746	\$8.43	\$3,137,037	\$10.690.258	\$23.724.198	\$0	\$34.414.456	\$6.882.891		
5A1-4-03A	1	220-221	Clamshell-3 Scows	Offshore	330,972	14.81	0.98	\$1.087.826	\$1,317,269	ψ0 \$0	\$2,405.095	\$481.019	\$8.72	\$3,246.878	+ -,,	\$19,508,754	\$0	\$35,619,457	\$7,123,891		+ -,,-
5A1-4-03B	1	220-221	Clamshell-2 Scows	Offshore	330,972	14.81	1.19	\$823,472	\$1,320,578	\$0	\$2,144.050	, ,,,,,	\$7.77	\$2.894.468	+ -, -,	\$19,557,760	\$0	\$31,753,381	\$6,350,676		. , ,
5A2-4-01	1	220-221	Hopper	Offshore	315,658	101	9.43	\$118,187	\$6,164,801	\$449.154	\$6.732.142	+ -,	\$25.59	\$9.088.392	\$118,187	\$6,164,801	\$449,154	\$6,732,142	\$1,346,428		Ψ42,001,01
3A2-4-01	-	220-221	Поррег	Olishole	313,030	13.81	9.43	\$118,187	\$6,164,801	\$339,854	\$6,622,842		\$25.18	\$8,940,837	\$1,632,162	\$85,135,902	\$4,693,384	\$91,461,448	\$18,292,290		\$132,561,351
5A3-4-01	4	220-221	Hvdraulic	Offshore (2 mi.)	330.972	14.81	1.03	\$921.322	\$2.601.440	\$0	\$3.522.762	\$704.552	\$12.77	\$4.755.729	. , ,	\$38.527.326	\$0	\$52.172.105	\$10,434,421		
5B1-5-01A	6	233-234	Hydraulic-7 Scows	Offshore	620,286	26.26	0.82	\$1,530,241	\$2,443.927	\$0	\$3.974.168	\$794.834	\$7.69	\$5.365.127	\$40.184.129	\$64.177.523	\$0	\$104.361.652	\$20,872,330	· ·	+ -, - ,
5B1-5-01B	6	233-234	Hydraulic-6 Scows	Offshore	620,286	26.26	0.98	\$1,289,985	\$2,605,201	\$0	\$3.895.186	\$779.037	\$7.54	\$5,258,501	\$33.875.006	\$68,412,578	\$0	\$102,287,584	\$20,457,517		
5B1-5-01C	6	233-234	Hydraulic-5 Scows	Offshore	620,286	26.26	1.23	\$1,275,981	\$2,791,287	\$0	\$4,067,268	\$813,454	\$7.87	\$5,490,812	+ / /	\$73,299,197	\$0	\$106,806,458	\$21,361,292		+,,
5B1-5-01D	6	233-234	Hydraulic-4 Scows	Offshore	620,286	26.26	1.64	\$1,056,092	\$3,082,821	\$0	\$4,138,913	\$827,783	\$8.01	\$5,587,533	+ , , -	\$80,954,879	\$0	\$108,687,855	\$21,737,571		\$146,728,605
5B1-5-01E	6	233-234	Hydraulic-3 Scows	Offshore	620,286	26.26	2.46	\$1,091,081	\$3,665,890	\$0	\$4,756,971	\$951,394	\$9.20	\$6,421,911	\$28,651,787	\$96,266,271	\$0	\$124.918.058	\$24,983,612		. , ,
5B1-5-01F	6	233-234	Hydraulic-2 Scows	Offshore	620,286	26.26	4.96	\$1.046.370	\$5,464,720	\$0	\$6,511,090	* ,	*	\$8,789,972	+ -, , -	\$143.503.547	\$0	\$170,981,223	\$34,196,245	*	+,,-
5B1-5-02A	6	233-234	Clamshell-4 Scows	Offshore	620,286	26.26	1.51	\$1,361,167	\$2,493,550	\$0	\$3,854,717	\$770,943	\$7.46	\$5,203,868	\$35,744,245	\$65,480,623	\$0	\$101,224,868	\$20,244,974		
5B1-5-02B	6	233-234	Clamshell-3 Scows	Offshore	620,286	26.26	1.57	\$1,089,689	\$2,326,073	\$0	\$3,415,762	\$683,152	\$6.61	\$4,611,279	\$28,615,233	\$61,082,677	\$0	\$89,697,910	\$17,939,582	2 \$6.61	\$121,092,187
5B1-5-02C	6	233-234	Clamshell-2 Scows	Offshore	620,286	26.26	3.15	\$863,068	\$3,151,053	\$0	\$4,014,121	\$802,824	\$7.77	\$5,419,063	\$22,664,166	\$82,746,652	\$0	\$105,410,817	\$21,082,163		\$142,304,594
5B2-5-01	6	233-234	Hopper	Offshore	610,675	1	25.13	\$112,429	\$15,639,387	\$373,349	\$16,125,165	\$3,225,033	\$31.69	\$21,768,973	\$112,429	\$15,639,387	\$373,349	\$16,125,165	\$3,225,033		, , , , , , , , , , , , , , , , , , , ,
			''		, i	25.26	25.13	\$112,429	\$15,639,387	\$291,792	\$16,043,608	\$3,208,722	\$31.53	\$21,658,871	\$2,839,957	\$395,050,916	\$7,370,666	\$405,261,538	\$81,052,308	8 \$31.53	\$568,872,054
5B3-5-01B	6	233-234	Hydraulic	Offshore (2 mi.)	620,286	26.26	1.35	\$742,699	\$2,797,490	\$3,977,631	\$7,517,820	\$1,503,564	\$14.54	\$10,149,057	\$19,503,276	\$73,462,087	\$104,452,590	\$197,417,953	\$39,483,591	1 \$14.54	\$266,514,237
5C1-4-01	4	10-13	Hopper	Offshore	1,958,342	1	80.59	\$112,429	\$50,153,139	\$582,579	\$50,848,147	\$10,169,629	\$31.16	\$68,644,998	\$112,429	\$50,153,139	\$582,579	\$50,848,147	\$10,169,629	3	
						11.17	80.59	\$112,429	\$50,153,139	\$413,694	\$50,679,262	\$10,135,852	\$31.05	\$68,417,004	\$1,255,832	\$560,210,563	\$4,620,962	\$566,087,357	\$113,217,471	1 \$31.06	\$832,862,933
5C1-5-02	5	14-15	Hopper	Offshore	523,022	1	26.18	\$112,429	\$16,292,135	\$482,316	\$16,886,880	\$3,377,376	\$38.74	\$22,797,288	\$112,429	\$16,292,135	\$482,316	\$16,886,880	\$3,377,376	3	
						5.03	26.18	\$112,429	\$16,292,135	\$354,906	\$16,759,470	\$3,351,894	\$38.45	\$22,625,285	\$565,518	\$81,949,439	\$1,785,177	\$84,300,134	\$16,860,027	7 \$38.50	\$136,602,472
5C1-6-03	6	16-18	Hopper	Offshore	1,016,152	1	42.77	\$112,429	\$26,643,505	\$652,141	\$27,408,075	\$5,481,615	\$32.37	\$37,000,901	\$112,429	\$26,643,505	\$652,141	\$27,408,075	\$5,481,615	5	
						16.76	42.77	\$112,429	\$26,643,505	\$449,893	\$27,205,827	\$5,441,165	\$32.13	\$36,727,866	\$1,884,310	\$446,545,144	\$7,540,207	\$455,969,661	\$91,193,932	2 \$32.14	\$652,559,935
5C2-5-02	5	14-15	Hopper	Offshore	532,176	6.03	24.64	\$112,429	\$15,331,991	\$0	\$15,444,420	+ - , ,	\$34.83	\$20,849,967	\$677,947	\$92,451,906	\$0	\$93,129,853	\$18,625,971	*	\$125,725,301
5C2-6-03	6	16-18	Hopper	Offshore	1,044,985	17.76	50.93	\$112,429	\$31,694,395	\$0	\$31,806,824	\$6,361,365	\$36.53	\$42,939,212	\$1,996,739	\$562,892,455	\$0	\$564,889,194	\$112,977,839	9 \$36.53	\$762,600,405
DMMP - 1	1	1-3	Hydraulic	As per DMMP	1,769,023	8.31	2.4	\$394,405	\$2,432,604	\$870,826	\$3,697,835	+,	\$2.51	\$4,992,077	\$3,277,506	\$20,214,939	\$7,236,564	\$30,729,009	\$6,145,802		\$41,484,160
DMMP - 2	2	4-5	Hydraulic	As per DMMP	1,597,104	1	2.41	\$400,462	\$2,523,424	\$1,407,622	\$4,331,508	\$866,302	\$3.25	\$5,847,536	\$400,462	\$2,523,424	\$1,407,622	\$4,331,508	\$866,302		
D14175 6		0.0			6.001.0=	13.74	2.41	\$400,462	\$2,523,424	\$224,929	\$3,148,815	\$629,763	\$2.37	\$4,250,900	\$5,502,348	\$34,671,846	\$3,090,524	\$43,264,718	\$8,652,944		\$64,254,902
DMMP - 3	3	6-9	Hydraulic	As per DMMP	2,034,207	1	3.71	\$416,596	\$3,874,888	\$1,098,559	\$5,390,043	+ ,,	\$3.18	\$7,276,558	\$416,596	\$3,874,888	\$1,098,559	\$5,390,043	\$1,078,009		A 50.000.00
DIMMD 1	1	40.40	I bertere de	A DIAINE	4 004 040	6.39	3.71	\$416,596	\$3,874,888	\$935,002	\$5,226,486		\$3.08	\$7,055,756	\$2,662,048	\$24,760,534	\$5,974,663	\$33,397,246	\$6,679,449		\$52,362,839
DMMP - 4	4	10-13	Hydraulic	As per DMMP	1,981,313	1 44 47	2.8	\$403,530	\$2,968,450	\$532,972	\$3,904,952	+,	\$2.37	\$5,271,685	\$403,530	\$2,968,450	\$532,972	\$3,904,952	\$780,990	-	# 00 400 00
DIAMP 5	-	44.45	I berlane de	A DMMAD	500 170	11.17	2.8	\$403,530	\$2,968,450	\$285,445	\$3,657,425	\$731,485	\$2.22	\$4,937,524	\$4,507,430	\$33,157,587	\$3,188,421	\$40,853,437	\$8,170,687		\$60,423,82
DMMP - 5	5	14-15	Hydraulic	As per DMMP	532,176	5.00	1.08	\$400,361	\$1,069,966	\$1,596,699	\$3,067,026	\$613,405	\$6.92	\$4,140,485	\$400,361	\$1,069,966	\$1,596,699	\$3,067,026	\$613,405	-	£40 500 55
DMMD C	6	16 10	Hydroulio	As per DMMD	1 044 005	5.03	1.08	\$400,361	\$1,069,966	\$362,980	\$1,833,307	\$366,661	\$4.13	\$2,474,964	\$2,013,816	\$5,381,929	\$1,825,789	\$9,221,534	\$1,844,307		+ -,,
DMMP - 6	Ь	16-18	Hydraulic	As per DMMP	1,044,985	17.76	1.25	\$395,938	\$1,307,965	\$0	\$1,703,903	\$340,781	\$1.96	\$2,300,269	\$7,031,859	\$23,229,458	\$0	\$30,261,317	\$6,052,263	3 \$1.96	\$40,852,77